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MESSAGE: U.S. Application Re: 09/630,762

U.S. Appl. No. 09/630,762 to Smith

Insert on page 1, line 2, the following:

This application claims priority from U.S. Provisional Application No. 60/199,367, filed April 25, 2000.

Amend paragraph on page 31, lines 14-22 as follows:

A wireless Internet gateway **100** in accordance with the principles of the present invention is particularly useful for wireless carriers and/or Internet service providers (ISPs). For instance, a wireless Internet gateway **100** can also be used within the Enterprise and ISP markets to provide a single point of entry for short message system (SMS) delivery to multiple wireless carriers. ~~This is detailed in a co-owned U.S. Appl. No. 60/___,___, filed _____ by Richard Smith, and entitled "Web Gateway Multi Carrier Support", which in its entirety is explicitly incorporated herein by reference.~~

of the present invention. In these exemplary scenarios, an E-mail message is communicated.

Certain aspects of communications between mobile devices and the wireless Internet gateway are shown and described in co-owned U.S. Appl. No. 60/198,108, filed 4/18/00 by Richard A. Smith and Johanna Wilson, entitled "Short Messaging Service Center SMPP to HTTP Internet Communications", the entirety of which is expressly incorporated herein by reference.

Fig. 7A shows an exemplary message flow when a wireless Internet gateway **100** originates a short message requiring SME delivery acknowledgement and a response from the recipient, in accordance with the principles of the present invention.

In particular, as shown in Fig. 7A, a wireless Internet gateway **100** sends a message to a mobile wireless handset device, and requests two types of delivery feedback: (1) acknowledgement of when the user reads the message; and (2) a response code from the user.

The message is derived from an E-mail message received from the Internet to an address, e.g., "MIN@[gateway]". The wireless Internet gateway **100** supplies the sender's E-mail address so that it may be processed by the mobile wireless handset device.

Note that in the preferred embodiment, the wireless Internet gateway **100** will not request delivery feedback of any kind when submitting short messages for incoming E-mail.

In step 1 of Fig. 7A, the wireless Internet gateway generates a SUBMIT_SM message with key elements populated in the following way:

- service_type: page
- source_addr: [sender's E-mail address]
- destination_addr: handset's MIN
- registered_delivery_flag: 12 (bits 2&3 enabled)